22) What shape makes up the faces of a prism? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

23) What shape makes up the faces of a pyramid? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

24) A cylinder has what shape as it’s base? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

25) A 9 sided polygon is called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

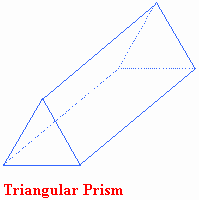
26) A 5 sided polygon is called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

27) A prism with an octagon base is called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

28) How many bases does a prism have? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

29) How many bases does a pyramid have? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Open Ended Question**

30) Use the two-dimensional and three-dimensional figures shown below to explain the geometric relationships of the figures.

1. Explain 2 ways that the figures shown above are the same.
2. Explain 2 ways that the figures shown above are different.

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 3D figures Test

1) Name the figure \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

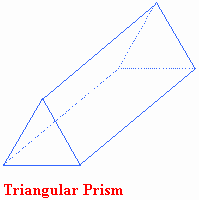
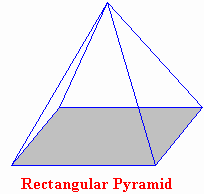
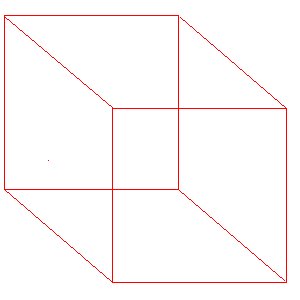
2) DC is a(n) a) vertex b) edge c) face d) base

3) ABC is a(n) a) vertex b) edge c) face d) base

4) AEFB is a(n) a) vertex b) edge c) face d) base

5) How many edges? \_\_\_\_\_\_\_\_\_\_\_\_

6) How many vertices? \_\_\_\_\_\_\_\_\_\_\_



**True/False (Circle T or F):**

18) T F The bases of a triangular prism are triangles.

19) T F A rectangular prism has 4 bases.

20) T F A nonagon has 6 sides.

21) T F A cone has 1 vertex.

13) Name the figure \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

14) W is a(n) a) vertex b) edge c) face d) base

15) XY is a(n) a) vertex b) edge c) face d) base

16) How many edges? \_\_\_\_\_\_\_\_\_\_\_

17) How many vertices? \_\_\_\_\_\_\_\_\_\_

7) Name the figure \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8) MOQ is a(n) a) vertex b) edge c) face d) base

9) ONPQ is a(n) a) vertex b) edge c) face d) base

10) OQ is a(n) a) vertex b) edge c) face d) base

11) How many faces? \_\_\_\_\_\_\_\_\_\_

12) How many bases? \_\_\_\_\_\_\_\_\_\_